

7. (Thrice Amended) A method of modulating blood vessel formation in a subject in need, comprising locally administering a functional tissue factor in a therapeutically effective amount to said subject in need, wherein said tissue factor or a fragment thereof is administered in the form of an expressible nucleic acid, and wherein the administration of the functional tissue factor modulates blood vessel formation in non-malignant tissue;

wherein the modulating is an activation of blood vessel formation.

20. (Amended) A method for modulating blood vessel formation in a subject in need, comprising inducing local expression of a tissue factor nucleic acid in said subject in need thereof;

wherein the modulating is an activation of blood vessel formation in non-malignant tissue.

30. (Amended) The method of claim 7, wherein the said subject in need is afflicted with diabetes mellitus, vasculitis, arterial conclusive disease, chronic venous and infected ulcer, innervation impairment, decubital gangrene or weak sutures after a surgery.

31. (Amended) The method of claim 7, wherein said subject in need is afflicted with arteriosclerosis, Crohn's disease, ulcerative colitis, diabetic retinopathy, or deep venous thrombosis of the legs ulcus cruris.

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32. (Amended) The method of claim 7, wherein the blood vessel formation is activated for the replacement of impaired blood vessels.

Kindly add new claims 33-35 as follows:

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33. (New) The method of claim 20, wherein the said subject in need is afflicted with diabetes mellitus, vasculitis, arterial conclusive disease, chronic venous and infected ulcer, innervation impairment, decubital gangrene or weak sutures after a surgery.

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34. (New) The method of claim 20, wherein said subject in need is afflicted with arteriosclerosis, Crohn's disease, ulcerative colitis, diabetic retinopathy, or deep venous thrombosis of the legs ulcus cruris.

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35. (New) The method of claim 20, wherein the blood vessel formation is activated for the replacement of impaired blood vessels.